

Weather and Meteorology

Dates: June 18-22, 2007

Location: Weber State University and the worldwide web

Credit: USOE or 3 WSU semester hours (Geosci 5920 / Meteorology for Teachers)

Instructors: Dr. Rick Ford and Mr. Tom Herret

Instructor Contact Information: Dr. Ford (rford@weber.edu)

Registration Fee and Deposit: \$275 registration fee; \$40 deposit payable to WSU

Send registration form and deposit to:

Dr. Sharon Ohlhorst
Center for Science and Mathematics Education
Weber State University
2509 University Circle
Ogden, UT 84408-2509
(801-626-6160); csme@weber.edu

Registration Contact Information:

Dr. Sharon Ohlhorst or Jodie Kempton : csme@weber.edu; 801-626-6160

Course Description:

This intensive workshop will survey the atmospheric processes that create weather and climate. Topics include solar and terrestrial radiation, weather observations, fronts and mid-latitude cyclones, tornados, hurricanes, weather forecasting, and global warming. Participants will utilize the Online Weather Studies curriculum and materials prepared by the American Meteorological Society, in conjunction with lectures and demonstrations conducted by local faculty. Online Weather Studies is a hands-on curriculum that makes extensive use of satellite imagery, weather maps, and other web-based resources. Emphasis will be placed on the meteorological content within the core curriculum for Utah's 9th-grade Earth Systems course. Any teacher who teaches aspects of weather and climate (especially 4th-

grade teachers) would also benefit from the scientific background provided by this comprehensive overview of atmospheric processes.



2007 Science Professional Development Registration Form

(Duplicate as Necessary)

Mail to:

Workshop Contact:

Sessions fill on a first-come basis. Register early to secure your place.

Workshop Title	Date	Location	Registration Fee
			\$ 275.00

Contact Information:

Teacher: _____
District: _____
School: _____
Grade Level/Subject: _____
Home Address: _____

City: _____ Zip: _____
Home phone: _____
School phone: _____
CACTUS # : _____
E-mail: _____

Commitment to Attend & District Approval:

I understand that I am committing to this workshop and I will cancel at least two weeks prior to the workshop if I am unable to attend.

Teacher Signature: _____

Signature of Principal or District Representative indicates source of registration payment for workshop:

☐ **PERSONAL** Check # _____ enclosed **OR**

☐ **SCHOOL** _____ **OR**
Principal

☐ **DISTRICT** _____
District Representative

**Please contact your school or district to determine if approval is needed prior to registration.*

☐ Bill to This Address

Return this completed registration form and your refundable deposit check to the workshop contact listed above.

A separate registration form must be submitted for each workshop you plan to attend.